Appendix B: Provincial Case Definitions for Reportable Diseases

Disease: Yersiniosis

Revised January 2014
Yersiniosis

1.0 Provincial Reporting
   Confirmed and probable cases of disease

2.0 Type of Surveillance
   Case-by-case

3.0 Case Classification

3.1 Confirmed Case
   Laboratory confirmation of infection with or without clinically compatible signs and symptoms:
   - Isolation of *Yersinia* spp. (except pestis) from an appropriate clinical specimen (e.g. stool, blood, urine)
     OR
   - Detection of *Yersinia enterocolitica* by nucleic acid amplification testing (NAAT) from an appropriate clinical specimen (see above)

3.2 Probable Case
   Clinically compatible signs and symptoms in a person with an epidemiologic link to a laboratory-confirmed case.

4.0 Laboratory Evidence

4.1 Laboratory Confirmation
   The following will constitute a confirmed case of Yersiniosis:
   - Positive culture for *Yersinia* spp
   - Positive NAAT for *Yersinia* spp

4.2 Approved/Validated Tests
   - Standard culture for *Yersinia* spp.
   - Biotyping and serotyping of O antigen
   - NAAT for *Yersinia enterocolitica*

4.3 Indications and Limitations
   - Further strain characterization is indicated for public health purposes.
   - Serology titres $\geq 1:50$ to $\leq 1:200$ may be due to non-specific cross reactions or past infection.
5.0 Clinical Evidence

Clinically compatible signs and symptoms are characterized by diarrhea, abdominal pain, malaise, fever, nausea, and/or vomiting.

6.0 ICD Code(s)

6.1 ICD-10 Code(s)
A04.6 Yersiniosis

7.0 Comments
N/A

8.0 Sources


9.0 Document History

Table 1: History of Revisions

<table>
<thead>
<tr>
<th>Revision Date</th>
<th>Document Section</th>
<th>Description of Revisions</th>
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<tbody>
<tr>
<td>January 2014</td>
<td>General</td>
<td>New template.</td>
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<tr>
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<td></td>
<td>Section 9.0 Document History added.</td>
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<td>3.1 Confirmed Case</td>
<td>Second bullet point changed from “A positive serological test for Yersinia spp” to “Detection of Yersinia enterocolitica by nucleic acid amplification testing (NAAT) from an appropriate clinical specimen”.</td>
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<td>4.1 Laboratory Confirmation</td>
<td>Second bullet point added “Positive NAAT for Yersinia spp”.</td>
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<td>4.2 Approved/Validated Tests</td>
<td>Addition of third bullet point “NAAT for Yersinia enterocolitica”.</td>
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<td>4.3 Indications and Limitations</td>
<td>The following was deleted: “Commercial nucleic acid amplification test (NAT) assays for Yersinia spp. are presently not available”.</td>
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<td>8.0 Sources</td>
<td>Updated.</td>
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